

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/713,648A  
Source: 1 Fwd  
Date Processed by STIC: 1/31/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 01/31/2006

PATENT APPLICATION: US/10/713,648A

TIME: 10:52:30

Input Set : A:\20010-04USA.ST25.txt

Output Set: N:\CRF4\01312006\J713648A.raw

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4 <110> APPLICANT: POSCO
5 POSTECH
6 An, Gynheung
7 Ryu, Choong-Hwan
8 Han, Jong-Jin
9 Kang, Hong-Gyu
10 An, Kyungsook
12 <120> TITLE OF INVENTION: ORGAN PREFERENTIAL GENES IDENTIFIED BY T-DNA INSERTIONAL
13 MUTAGENESIS OF RICE
15 <130> FILE REFERENCE: 20010-04USA
17 <140> CURRENT APPLICATION NUMBER: US 10/713,648A
18 <141> CURRENT FILING DATE: 2003-11-14
20 <150> PRIOR APPLICATION NUMBER: 60/427,166
21 <151> PRIOR FILING DATE: 2002-11-15
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29 <212> TYPE: DNA
30 <213> ORGANISM: Oryza sativa
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33 <221> NAME/KEY: misc_feature
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35 <223> OTHER INFORMATION: segment of the T-DNA insert in line 1B-115-22
37 <400> SEQUENCE: 1
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39 tcttaattag cctttgtgat ttagcttaat cacatggcta aggcaacaacc acccatccac 120
40 ttaactcttc attactacgc tagctacacg aggagagtag ctagctagta caggccccgg 180
41 caagcataaa tagcagcgtc ccctgcttcc tttcttcacg gtcctcagct catcatctgc 240
42 atgcagttca ctgcacacca cacagcttag cttgctcagc ttactgacg ttcttagctg 300
43 cagctacttc actttgcata gtttgatcga actaaataac tcaccaagtt agctgtaatg 360
44 gccaaagctga tctctgccac ctctgccgctc gtgttaccag gtaccaggtg agttccattc 420
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48 <211> LENGTH: 194
49 <212> TYPE: DNA
50 <213> ORGANISM: Oryza sativa
52 <220> FEATURE:
53 <221> NAME/KEY: misc_feature
54 <222> LOCATION: (104)...(194)
55 <223> OTHER INFORMATION: segment of the T-DNA insert in line 1B-164-43
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58 atcgatgtat ccatactccg agatagtagg ctccggtcctt aacttgctgc gccgccgtgt 60

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61 acatgactaa cttg 194
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64 <211> LENGTH: 325
65 <212> TYPE: DNA
66 <213> ORGANISM: Oryza sativa
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69 <221> NAME/KEY: misc_feature
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76 tgtaggaggc aacttcctag agggaagtat tccacaatca ttagcaaatc tcaggggcac 180
77 caaagtgtctg gatttctccc agaacaattt atctggtgca ataccggatt tctttgggac 240
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88 <222> LOCATION: (560)...(650)
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94 tcccattgag agtgcaaaat ctactcaac ttactgcatt gcttctccag aataactctc 180
95 tttctggacc catccctgac ctccaactcc caaaattgag gcatttgaat ttgagcaaca 240
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118 tccgacagcg cctcgtctcc ggtaagcacc cgcgcgcgcg tcatccattc ccaatttccc 240
119 atccgtgtga agtgtgattg acctctctct ctctctcact ctcccggcgc agcctagggg 300
120 gcgcctcctc atcggcgggg agttcgtcga gtcgcggggc gacgagcacg tcgacgtcac 360
121 caatccggta aagcccgcgc tgagcctccc cagcatcgat cgatttgga ggtgtggtgt 420
122 gggggcatgt gacagtgatt ctctgggtgt gcgcaggcga cgcaggagg ggtgtcgcgc 480
123 atcccgtcga ccaccgcgcga cgagttcagg gccgcgcgtg acgccgccag gaccgccttc 540
124 cccgggtggc ggaacacgcc ggtgaccacg cggcagcgca tcatgctcaa gtaccaggag 600
125 ctcatccggg ccaacatggg aattagttga tagatggatt gaccttcctt ccatcgttgg 660
126 gggattggag agctagaagc ttactcgat gatgtggtt gatcatgtta tagtgattct 720
127 gttctttttt tgtgatgtca ggataaactg gcagagaaca ttacaaccga acaggggaag 780
128 aactgaagg atgcttgagg cgatgtattc cgtgggctag gttggttttc agacccttat 840
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164 tgtatacaca gcatgaggat gttttcatga tgtaggaca ttcggttgta aaatttactt 3000
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168 gcgtgttcag gttagtttgc acctgttccct gacatgcaga acctttccct cgaaaacttc 3240
169 tgccctgggtg gctgtaagca gcatgtttaca gaatgccttt ttgtttattt tcagtctaata 3300
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174 ctagtcaaac gtgcaagcag ccttgtgggt aattcaggaa tggctagtga tgcagacctt 3600
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212 aggaaatttc aaacagacat tgaagctggc cagggtatttt gtagtctctt tcttacaata 5880
213 cactacatct ctcccacgtt cgagaaataa aaacgcgcgg acatttcatg catgctaact 5940
214 aggcctagct agacagggcc tgaaaaacag gtttgagaaa aatatgataa ctaaagtaac 6000

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217 gtttagcagaa agcaaattct cactgggcac tgatgcaatt gataaatttg tcgatatgaa 6180
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227 t 6721

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229 &lt;210&gt; SEQ ID NO: 6

230 &lt;211&gt; LENGTH: 232

231 &lt;212&gt; TYPE: DNA

232 &lt;213&gt; ORGANISM: Oryza sativa

234 &lt;220&gt; FEATURE:

235 &lt;221&gt; NAME/KEY: misc\_feature

236 &lt;222&gt; LOCATION: (1)...(101)

237 &lt;223&gt; OTHER INFORMATION: segment of the T-DNA insert in line 1D-059-12

239 &lt;400&gt; SEQUENCE: 6

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242 aggattcgtc tcctctcctt ttgttcatg atcctgtctg tgtgtgattc tggacttctg 180
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245 &lt;210&gt; SEQ ID NO: 7

246 &lt;211&gt; LENGTH: 246

247 &lt;212&gt; TYPE: DNA

248 &lt;213&gt; ORGANISM: Oryza sativa

250 &lt;220&gt; FEATURE:

251 &lt;221&gt; NAME/KEY: misc\_feature

252 &lt;222&gt; LOCATION: (148)...(246)

253 &lt;223&gt; OTHER INFORMATION: segment of the T-DNA insert in line 1C-087-40

255 &lt;400&gt; SEQUENCE: 7

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258 accaattaat gtttgatgtt catttcattc aaacacggat ccgaggtacc aggtaccagg 180
259 tgagttccat tcttactacc acggtgctat tttttttgct atgtggctaa ttacatgact 240
260 aacttg 246

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262 &lt;210&gt; SEQ ID NO: 8

263 &lt;211&gt; LENGTH: 370

264 &lt;212&gt; TYPE: DNA

265 &lt;213&gt; ORGANISM: Oryza sativa

267 &lt;220&gt; FEATURE:

268 &lt;221&gt; NAME/KEY: misc\_feature

269 &lt;222&gt; LOCATION: (1)...(218)

270 &lt;223&gt; OTHER INFORMATION: segment of the T-DNA insert in line 1C-017-14

272 &lt;400&gt; SEQUENCE: 8

## VERIFICATION SUMMARY

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L:579 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20  
L:673 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21  
L:722 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22  
L:850 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23  
L:933 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:1064 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:1164 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:1215 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27  
L:1304 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:1375 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29  
L:1454 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
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L:1851 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34  
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